

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Masaaki Miyazawa et al.

Application No.: 10/531,193

Confirmation No.: 6284

Filed: January 3, 2006

Art Unit: 1648

For: MARKER GENE

Examiner: L. W. Humphrey

**AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Madam:

**INTRODUCTORY COMMENTS**

Applicants submit this paper in response to the Office Action dated October 5, 2009, along with a Petition for a Three-Month Extension of Time and the required fee based on small entity status. Applicants believe that no other fees are required for consideration and entry of this paper. Nevertheless, Applicants hereby authorize the Director to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) or credit any overpayment to Deposit Account No. 04-1105, under order no. 63283 (50221). Please amend the above-identified U.S. patent application as follows:

**Amendments to the Specification** begin at page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 5 of this paper.

**Remarks/Arguments** begin on page 17 of this paper.